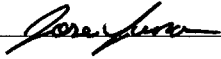


I hereby certify that this correspondence is being filed via
EFS-Web with the United States Patent and Trademark Office
on January 25, 2011.

PATENT
Docket No.: 019934-003720US

KILPATRICK TOWNSEND & STOCKTON LLP

By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Andrew M.K. Pennell, et al.

Patent No.: 7,842,693 B2

Issued: November 30, 2010

Application No.: 10/732,897

Filed: December 9, 2003

For: SUBSTITUTED PIPERAZINES

Customer No.: 20350

Confirmation No.: 6930

Examiner: Emily B. Bernhardt

Art Unit: 1624

REQUEST FOR CERTIFICATE OF
CORRECTION UNDER 37 C.F.R. §
1.322

ATTN: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

Pursuant to 37 C.F.R. § 1.322, Applicants submit a Request for Certificate of Correction correcting typographical errors made at the time of printing of the above-referenced patent. The desired corrections are set forth on the enclosed Form PTO/SB/44. The correct language for claims 1, 9, and 21 was presented in an amendment filed by Applicants on July 19, 2010, and in Examiner Bernhardt's amendment of July 28, 2010.

It is believed that no fee is required for this Request for Certificate of Correction as the errors are the result of typographical mistakes made by the U.S. Patent

Pennell, Andrew M.K., et al.
Application No.: 10/732,897
Page 2

PATENT

and Trademark Office. However, if a fee is required, the Commissioner is authorized to charge said fee to the undersigned's Deposit Account No. 20-1430.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "William B. Kezer", written in a cursive style.

William B. Kezer
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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,842,693 B2
APPLICATION NO.: 10/732,897
ISSUE DATE : November 30, 2010
INVENTOR(S) : Pennell et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

Column 267, Claim 1, Line 18: please delete "to" and replace with -- or --

Column 267, Claim 1, Line 25: please delete " $-S(O)R^e$ " and replace with
-- $-S(O)_2R^e$ --

Column 267, Claim 1, Line 36: please delete "one" and replace with -- two --

Column 267, Claim 1, Line 36: please delete "is other than" and replace with
-- are --

Column 268, Claim 9, Line 42: please delete " $-R_h$ " and replace with -- $-R^h$ --

Column 270, Claim 21, Line 52: please delete " R^e " and replace with -- $-R^e$ --

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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